## **EAST Search History**

## EAST Search History (Prior Art)

Ref#	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	30398	OLED or organic light emitting (diode or device)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 15:07
S2	1412	"4539507"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 15:10
<b>S</b> 3	2	("4539507").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/03 15:11
S4	2	("20020085187").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/03 15:14
S5	9946	(313/483,494,498,499,503,504,506,509). OCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/03 15:20

S6	3370	S1 and S5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 15:20
<b>S</b> 7	857106	S6 and (back same surface) or (front same surface)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 15:21
<b>S</b> 8	242	S6 and (back same surface)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 15:21
S9	165843	S6 and (back same surface) or back surface	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 15:21
S10	67	S6 and back surface	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 15:21
S11	32	S6 and (front surface and back surface)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 15:23
S12	33	S6 and microlens	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 15:26

S13	41	S6 and (microlen or micro len or micro-len)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 15:26
S14	1	S6 and light coupling layer	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 15:50
S15	14	S6 and coupling layer	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 15:51
S16	30398	OLED or organic light emitting (diode or device)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 16:44
S17	9946	(313/483,494,498,499,503,504,506,509).OCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/03 16:44
S18	3370	S16 and S17	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 16:44
S20	6	S18 and microlens and radius	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 16:45

S21	3	S18 and microlens and refractive\$1index	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 16:47
S22	8	S18 and refractive\$1index	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 16:47
S23	86738	("313").CLAS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/03 16:48
S24	3839	S16 and S23	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 16:48
S25	8	S24 and refractive\$1index	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 16:48
S26	180	S24 and (front surface or back surface)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 16:49
S27	46	S24 and microlen	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 16:50

S28	12	("5300263"   "5703436"   "5707745"   "5796509"   "5948281"   "6245393"   "6303238"   "6337102").PN. OR ("6984934").URPN.	,	ADJ	ON	2008/11/03 16:57
S29	14	S24 and micro-len	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/11/03 16:59
\$30	0	jp "10" "172756"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/27 10:30
S31	1	jp10172756	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/27 10:30
S32	30683	(len or micro\$1len) and (light emit\$4) and (index near2 refract\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/27 12:59
S33	10448	(313/483,494,498,499,503,504,506,509).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/27 13:00
S34	291	S33 and S32	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/27 13:00

S35	73	S34 and OLED	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/27 13:01
S36	12	("2003/0020399").URPN.	USPAT	ADJ	ON	2009/02/27 13:03
<b>S</b> 37	2	("6984934").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/27 13:16
S38	12	("5300263"   "5703436"   "5707745"   "5796509"   "5948281"   "6245393"   "6303238"   "6337102").PN. OR ("6984934").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/27 13:16
S39	3	S38 and (len or micro\$1len)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/27 13:17
S40	7	("5300263"   "5370768").PN. OR ("5948281").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/27 13:18
S41	16	("20010026322"   "20050035377"   "4667092"   "5239412"   "5948281"   "5997756"   "6008511"   "6163407"   "6274917"   "6362498"   "6518640"   "6569703"   "6690049"   "7019373"   "7049168"   "7081998").PN. OR ("7474350").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/27 13:18
S42	75	("1943995"   "3018313"   "3383676"   "3984583"   "4129628"   "4667092"   "4695719"   "4807978"   "5104435").PN. OR ("5239412").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/27 13:21
S43	16	("20010026322"   "20050035377"   "4667092"   "5239412"   "5948281"   "5997756"   "6008511"   "6163407"   "6274917"   "6362498"   "6518640"   "6569703"   "6690049"   "7019373"   "7049168"   "7081998").PN. OR ("7474350").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/27 13:22

S44	22	("20010036561"   "20020061418"   "20030011303"   "4539507"   "4720432"   "4885211"   "5130603"   "5151629"   "5227252"   "5247190"   "5317169"   "5382477"   "5409783"   "5514878"   "5554911"   "5672678"   "5855994"   "5994835"   "6093864"   "6125226"   "6339289"   "6406801").PN. OR ("7355339"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/27 14:01
S45	28242	(len or micro\$1len) and (light emit\$4) and (curvature or radius)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/27 14:02
S46	87794	("313").CLAS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/27 14:03
S47	456	S45 and S46	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/27 14:03
S48	31999	organic light emit\$4 (device or diode) or oled.U/C.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/27 14:04
S49	48	S47 and S48	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/27 14:04
S52	4	("2004/0007969").URPN.	USPAT	ADJ	ON	2009/02/27 14:06
S53	4	("2004/0007969").URPN.	USPAT	ADJ	ON	2009/02/27 14:10

S54	13	ξί Ι	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/27 14:12
S55	7	("5546413"   "5703436"   "5994835"   "6160828").PN. OR ("6472817").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/27 14:14
S56	27	("20010019782"   "20030020399"   "4769292"   "5061569"   "5247190"   "5371434"   "5618626"   "5703436"   "5707745"   "5814416"   "5834893"   "5844363"   "5936347"   "5955837"   "6013982"   "6087196"   "6091195"   "6097147"   "6125226"   "6294398"   "6303238"   "6337102"   "6468819"   "6489638"   "6501217"   "6566805"   "6703780").PN. OR ("7053547").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/27 14:16
S57	21	("3385992"   "3976877"   "4047075"   "4578615"   "4599537"   "5043716"   "5066889"   "5258690").PN. OR ("5371434").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/27 14:20
S58	15	("20030089914"   "20040109629"   "20040256628"   "20050036319"   "20060102914"   "5093768"   "5371434"   "6034819"   "6065845"   "6196691"   "6379017"   "6680491"   "6976779"   "7059728").PN. OR ("7207706"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/27 14:21
S59	188	("2864771"   "3163530"   "3567932"   "4539507"   "4720432"   "4769292"   "4775820"   "4885211"   "4950950"   "5047687"   "5059861"   "5059862"   "5061569"   "5073446").PN. OR ("5151629").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/27 14:23
S60	1674	"313/512".COLS.	US-PGPUB; USPAT	ADJ	ON	2009/03/04 14:10
S61	2097	light emit\$4 and pixel and microlen	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/04 14:11

S62	5	S60 and S61	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/04 14:11
S63	8	("2004/0217702").URPN.	USPAT	ADJ	ON	2009/03/04 14:14
S64	0	("2007/0278949").URPN.	USPAT	ADJ	ON	2009/03/04 14:15
S65	5	("20040027062"   "4142781"   "4298802"   "5815228"   "6765348").PN. OR ("7495384").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/04 14:16
S66	69	S61 and "313"/.CLAS.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/04 14:18
\$67	2	light emit\$4 and pixel and micro\$1len	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/04 14:26
 368	33188	light emit\$4 and pixel and len	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/04 14:27
S69	16646	S68 and substrate	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/04 14:27
S70	1688	encapsulat\$5 and S69	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/04 14:28

S71	19	S70 and S60	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/04 14:28
\$72	18524	micro\$1len or mircrolen or fresnel len	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/04 14:59
S73	12	S72 and S60	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/03/04 14:59
S74	70504	"313"/.CLAS.	US-PGPUB; USPAT	ADJ	ON	2009/03/04 14:59
S75	110	S72 and S74	US-PGPUB; USPAT	ADJ	ON	2009/03/04 14:59
S76	3	("20020050958"   "5294870"   "6166489").PN. OR ("7301273").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/04 15:09
S77	2	"20030020399"	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/04 15:16
S78	12	("2003/0020399").URPN.	USPAT	ADJ	ON	2009/03/04 15:16
S79	27	("20010019782"   "20030020399"   "4769292"   "5061569"   "5247190"   "5371434"   "5618626"   "5703436"   "5707745"   "5814416"   "5834893"   "5844363"   "5936347"   "5955837"   "6013982"   "6087196"   "6091195"   "6097147"   "6125226"   "6294398"   "6303238"   "6337102"   "6468819"   "6489638"   "6501217"   "6566805"   "6703780").PN. OR ("7053547").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/04 15:17
\$80	0	radius of curvature	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/04 15:30

S81	0	radius of curvature	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/04 15:30
S82	128232	radius near3 curvature	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/04 15:30
S83	1342	S82 and (microlen or micro\$1len)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/04 15:31
S84	12	S83 and S74	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/04 15:31
S85	0	("2008/0079355").URPN.	USPAT	ADJ	ON	2009/03/04 15:32
S86	1	("2005/0067944").URPN.	USPAT	ADJ	ON	2009/03/04 16:28
S87	1	("2005/0067944").URPN.	USPAT	ADJ	ON	2009/03/04 16:33
S88	7	("20020145807"   "20040226929"   "20050067944"   "5694246"   "5707684"   "6734031"   "6814901").PN. OR ("7265907").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/04 16:33
S89	660	light emitting array	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/04 16:34
 390	23	S89 and (microlen or micro\$1len)\	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/04 16:35
S91	23	S89 and (microlen or micro\$1len)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/04 16:35
S92	1892	array and light emit\$4 and (microlen or micro\$1len) and pixel	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/04 16:36
S93	47	S92 and S74	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/04 16:37
\$94	4	("2005/0088079").URPN.	USPAT	ADJ	ON	2009/03/04 16:38
\$95	3	("2004/0189185").URPN.	USPAT	ADJ	ON	2009/03/04 16:40
S96	4	("4387961"   "6046543"   "6091384"   "6229160").PN. OR ("7325943").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/04 16:42

S97	1	("6721077").PN. OR ("6934064").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/04 16:45
S98	8	("4667092"   "5466926"   "6831311").PN. OR ("7084472"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/04 16:47
S99	10	("20040147059"   "20060145224"   "20060292734"   "20070238034"   "5396090"   "6043481"   "6933167"   "7084472"   "7264976"   "7279354").PN. OR ("7413923"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/04 16:48
S100	7	("5172206").PN. OR ("5396090").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/04 16:49
S101	63	("4024397"   "4395629"   "4410804"   "4467195"   "4523102"   "4528446").PN. OR ("4667092").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/04 16:50
S102	2	(("4539507") or ("20020085187")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/16 12:27
S103	1	("2002/0085187").URPN.	USPAT	ADJ	ON	2009/12/16 12:55

## **EAST Search History (Interference)**

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12/17/2009 4:35:24 PM

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